

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Jeroen CROUZEN et al.

Group Art Unit: 1621

Application No.: 10/529,144

Filed: April 19, 2005

Docket No.: 123275

For: A PROCESS FOR THE PREPARATION OF MONOCHLOROACETIC ACID

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. The references 1, 9 and 10 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.

4. English language Abstracts of the non-English language references 10, 12, 13, 17-19, 21, 23, 24, 26 and 27 are attached hereto.

Respectfully submitted,

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Date: August 2, 2005

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Sheet 1 of 2

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 123275	APPLICATION NO. 10/529,144		
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANTS Jeroen CROUZEN et al.				
		FILING DATE April 19, 2005	GROUP 1621			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	4,281,184	07/28/1981	Spaziante et al.		
	2	5,811,597	09/22/1998	Hwan et al.		
	3	5,741,953	04/21/1998	Preston		
	4	5,705,711	01/06/1998	Preston		
	5	5,013,407	05/07/1991	Nocca et al.		
	6	5,449,801	09/12/1995	Barnum et al.		
	7	4,939,294	07/03/1990	Agreda et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	8	WO 01/17939 A1	03/15/2001	WIPO		
	9	BE 714 767 A	11/07/1968	Belgium		
	10	WO 02/10094 A1 w/abstract	02/07/2002	WIPO		
	11	WO 01/41894 A1	06/14/2001	WIPO		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	12	Stichlmair, "Reactive Distillation Processes," Chem. Ing.-Tech., pp. 1507-1516, 70(12), 1998 w/abstract				
	13	Mikitenko, "Reactive Distillation: Principle, Applications and Prospects," Pet. Tech., pp. 34-38, 1986 w/abstract				
	14	Yaohua, "Uses of Monochloroacetic Acid and Current Status of its Industrial Production," Hubei Nationalities Chemical Institute and Environmental Engineering Institute, Enshi 445000, TQ225.3 A, 1004-0404(2003)02-0038-, 2003				
	15	Yonggang et al., "Study on Production of MCA by anhydride-catalyzed chlorination of acetic acid," Tianjin Research and Designing Institute of Chemical Industry, Tianjin 300131; 2: Institute of Chemical Technology of Tianjin University, Tianjin 300072, TQ225.3 A, 1008-133X(2001)02-0023-04, February 2001				
	16	Yongxue, "One-step method for preparing highly pure monochloroacetic acid, Tanghai county Agrochemical Works, Tangshan 063200, Vol. 16, No. 4, 1994				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS	
	17	WO 00/78700 A2 w/abstract	12/28/2000	WIPO				
	18	EP 1 013 325 A1 w/abstract	06/28/2000	Europe				
	19	NL C 1009499 w/abstract	01/04/2000	Netherlands				
	20	EP 0 978 501 A	02/09/2000	Europe				
	21	EP 0 755 706 A1 w/abstract	01/29/1997	Europe				
	22	WO 96/17817	06/13/1996	WIPO				
	23	EP 0 547 939 A1 w/abstract	06/23/1993	Europe				
	24	FR 2 664 180 A1 w/abstract	01/10/1992	France				
	25	WO 83/03825	11/10/1983	WIPO				
	26	SU 1801963 A1 w/abstract	03/15/1993	Soviet Union				
	27	JP A 60-58932 w/abstract	04/05/1985	Japan				
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<b>EXAMINER</b>						<b>DATE CONSIDERED</b>		
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